

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/582,915
Source: EFU
Date Processed by STIC: 6/22/06

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 4.4.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebs/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06



IFWP

RAW SEQUENCE LISTING

DATE: 06/22/2006

PATENT APPLICATION: US/10/582,915.

TIME: 13:08:12

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF4\06222006\J582915.raw

3 <110> APPLICANT: KIM, Kye-Seong
 5 <120> TITLE OF INVENTION: Novel miRNA molecules isolated from human
 embryonic stem cell
 7 <130> FILE REFERENCE: OP04-1083
 C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/582,915
 C--> 9 <141> CURRENT FILING DATE: 2006-06-14
 9 <160> NUMBER OF SEQ ID NOS: 99
 11 <170> SOFTWARE: KopatentIn 1.71

Does Not Comply
 Corrected Diskette Needed

(Pg. 1)

ERRORED SEQUENCES

805 <210> SEQ ID NO: 73
 806 <211> LENGTH: 23
 807 <212> TYPE: RNA
 808 <213> ORGANISM: Homo sapiens
 810 <400> SEQUENCE: 73
 E--> 811
 uaagugcuuc cauguuung: umn
 1171 <210> SEQ ID NO: 99
 1172 <211> LENGTH: 72
 1173 <212> TYPE: RNA
 1174 <213> ORGANISM: Artificial Sequence
 1176 <220> FEATURE:
 1177 <223> OTHER INFORMATION: miRNA precursor for miR-374
 1180 <400> SEQUENCE: 99
 1181
 uacaucggcc auuauaaauac aaccugauaa guguaauagc acuaucaga uuguauugua
 1183
 auugucugug ua
 E--> 1187 20
 E--> 1189 1

pls
 explain "N"
 locations.

See
 error
 23 explanation
 on page 2

pls delete

VARIABLE LOCATION SUMMARY

PATENT APPLICATION: US/10/582,915

DATE: 06/22/2006

TIME: 13:08:13

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF4\06222006\J582915.raw

Use of n's or Xaa's (NEW RULES):

Use of n's and/or Xaa's have been detected in the Sequence Listing.

Use of <220> to <223> is MANDATORY if n's or Xaa's are present.

in <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

Error Explanation: 2

Seq#:73; N Pos. 18,19,22,23

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/582,915

DATE: 06/22/2006

TIME: 13:08:13

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF4\06222006\J582915.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application No

L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:811 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:73

L:1187 M:254 E: No. of Bases conflict, this line has no nucleotides.

M:254 Repeated in SeqNo=99